ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN L1

1962:39068 CAPLUS ΑN

56:39068 DN

OREF 56:7474c-d

Dye for poly(vinyl chloride), lacquers, and printing inks TI

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Patent DT

Unavailable LΑ

DATE APPLICATION NO. KIND DATE PATENT NO. 19561120 DE

DE 1113773

3,4,9,10-Perylenetetracarboxylic acid or its anhydride (I)is treated AB with 4-EtOC6H4NH2 (II). The reaction is carried out in the absence of a dehydrating agent. Thus, I, 20 and II 41 are stirred with quinoline 300 parts for 14 hrs. at 200-10° with continuous distn. of H2O. The red dye is filtered, washed with MeOH, boiled with dil. NaOH soln., and washed neutral with hot H2O.